

CERTIFICATE

Issued to:

Applicant:

MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd, Wugu District
24891 New Taipei City, Taiwan

Licensee:

MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd, Wugu District
24891 New Taipei City, Taiwan

Product : Built-in Battery Charger
Trade name(s) : MEAN WELL
Type(s)/model(s) : NPB-120-12AD1, NPB-120-12TB, NPB-120-12XLR, NPB-120-24AD1, NPB-120-24TB, NPB-120-24XLR, NPB-120-48AD1, NPB-120-48TB, NPB-120-48XLR, NPB-240-12AD1, NPB-240-12TB, NPB-240-12XLR, NPB-240-24AD1, NPB-240-24TB, NPB-240-24XLR, NPB-240-48AD1, NPB-240-48TB, NPB-240-48XLR, NPB-360-12AD1, NPB-360-12TB, NPB-360-12XLR, NPB-360-24AD1, NPB-360-24TB, NPB-360-24XLR, NPB-360-48AD1, NPB-360-48TB and NPB-360-48XLR

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN 60335-1:2012, EN 60335-1:2012/A11:2014, EN 60335-1:2012/A13:2017, EN 60335-1:2012/A1:2019, EN 60335-1:2012/A2:2019, EN 60335-1:2012/A14:2019, EN 60335-2-29:2004, EN 60335-2-29:2004/A2:2010 and EN 60335-2-29:2004/A11:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059480

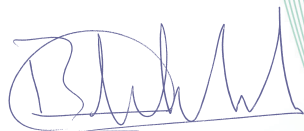
DEKRA hereby grants the right to use the DEKRA Mark.

The DEKRA Mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Mark certification agreement.

This certificate is issued on 13 July 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-118973

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



C. Lin
Certification Manager

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35-118973

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Built-in Battery Charger
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: NPB-120-12AD1, NPB-120-12TB, NPB-120-12XLR, NPB-120-24AD1, NPB-120-24TB, NPB-120-24XLR, NPB-120-48AD1, NPB-120-48TB, NPB-120-48XLR, NPB-240-12AD1, NPB-240-12TB, NPB-240-12XLR, NPB-240-24AD1, NPB-240-24TB, NPB-240-24XLR, NPB-240-48AD1, NPB-240-48TB, NPB-240-48XLR, NPB-360-12AD1, NPB-360-12TB, NPB-360-12XLR, NPB-360-24AD1, NPB-360-24TB, NPB-360-24XLR, NPB-360-48AD1, NPB-360-48TB and NPB-360-48XLR
Rated input voltage	: 100-240Vac
Rated frequency	: 50/60 Hz
Class of insulation	: I

Product data – type NPB-120-12AD1, NPB-120-12TB and NPB-120-12XLR

Rated output voltage	: 14,4 Vdc
Rated input current	: 1,5 A
Rated output current	: 6,8 A
Ambient temperature (ta)	: 45°C

Product data – type NPB-120-24AD1, NPB-120-24TB and NPB-120-24XLR

Rated output voltage	: 28,8 Vdc
Rated input current	: 1,5 A
Rated output current	: 4 A
Ambient temperature (ta)	: 45°C

Product data – type NPB-120-48AD1, NPB-120-48TB and NPB-120-48XLR

Rated output voltage	: 57,6 Vdc
Rated input current	: 1,5 A
Rated output current	: 2 A
Ambient temperature (ta)	: 45°C

Product data – type NPB-240-12AD1, NPB-240-12TB and NPB-240-12XLR

Rated output voltage	: 14,4 Vdc
Rated input current	: 3 A
Rated output current	: 13,5 A
Ambient temperature (ta)	: 40°C

Product data – type NPB-240-24AD1, NPB-240-24TB and NPB-240-24XLR

Rated output voltage	: 28,8 Vdc
Rated input current	: 3 A
Rated output current	: 8 A
Ambient temperature (ta)	: 40°C

Product data – type NPB-240-48AD1, NPB-240-48TB and NPB-240-48XLR

Rated output voltage	: 57,6 Vdc
Rated input current	: 3 A
Rated output current	: 4 A

Ambient temperature (ta) : 40°C

Product data – type NPB-360-12AD1, NPB-360-12TB and NPB-360-12XLR

Rated output voltage : 14,4 Vdc
Rated input current : 4,5 A
Rated output current : 20 A
Ambient temperature (ta) : 45°C

Product data – type NPB-360-24AD1, NPB-360-24TB and NPB-360-24XLR

Rated output voltage : 28,8 Vdc
Rated input current : 4,5 A
Rated output current : 12 A
Ambient temperature (ta) : 45°C

Product data – type NPB-360-48AD1, NPB-360-48TB and NPB-360-48XLR

Rated output voltage : 57,6 Vdc
Rated input current : 4,5 A
Rated output current : 6 A
Ambient temperature (ta) : 45°C

TESTS

Test requirements

EN 60335-1:2012
EN 60335-1:2012/A11:2014
EN 60335-1:2012/A13:2017
EN 60335-1:2012/A1:2019
EN 60335-1:2012/A2:2019
EN 60335-1:2012/A14:2019
EN 60335-2-29:2004
EN 60335-2-29:2004/A2:2010
EN 60335-2-29:2004/A11:2018

Test result

The test results are laid down in DEKRA test file 437428700.

Additional information

The product also complies with EN 62233:2008.

The list of components is laid down in test report 4374287.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

MEAN WELL (GUANGZHOU) Electronics Co.,Ltd. Huadu Branch
No.11 Jingu South Road, Huadong Town, Huadu District
510890 Guangzhou Guangdong, China

MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd, Wugu District
24891 New Taipei City, Taiwan

SuZhou MEAN WELL Technology Co., Ltd.
No. 77, Jian-min Road, Dong-qiao, Pan-yang Ind. Park, Huang-dai Town, Xiang-cheng District
215152 Suzhou Jiangsu, China

Trade name(s) : MEAN WELL stands for

